

**Description:** RX-FB28 LED panel light series, The top SMD LED, including power consumption, the luminous efficiency of more than 90Lm / W, CRI > 80, ultra-thin 28mm, the use of low-voltage constant-current power supply, security, stability, reliability, long life; no harmful rays, infrared and ultraviolet light-emitting uniform bright spot, XineLam LED panel lights is the ideal alternative to traditional grid lamps and fluorescent light sources, especially suitable for high-brightness place.



**Features:**

1. Luminous efficiency of up to 90LM / W, CRI > 80
2. New aluminum frame, ultra-thin 28mm, no screws on the back
3. No UV & IR emission
4. Environmentally friendly – fully recyclable, no mercury or other hazardous materials
5. Simple and convenient installation
6. Long life: 50000hours
7. Warranty: 3 years

**Application**

Variety of places high brightness indoor lighting  
 Office Lighting, Meeting Rooms  
 Restaurants, Hotels, Hallway & lobbies  
 Subway Stations, School and Hospital, Factory lighting



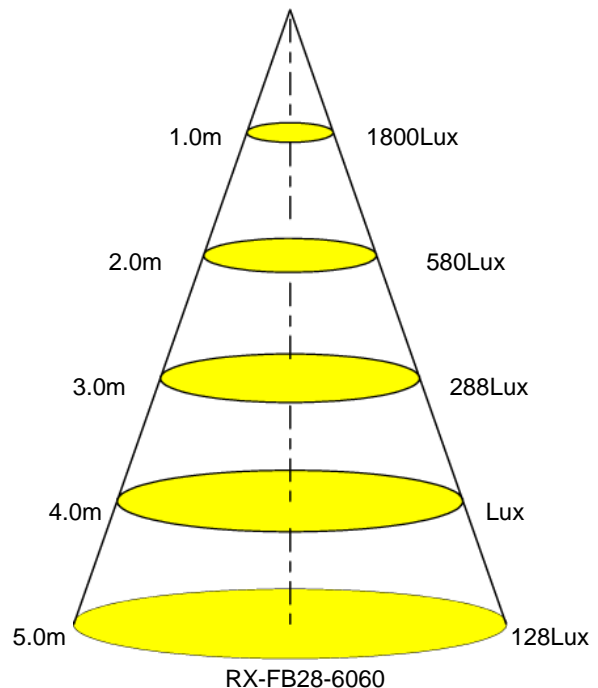
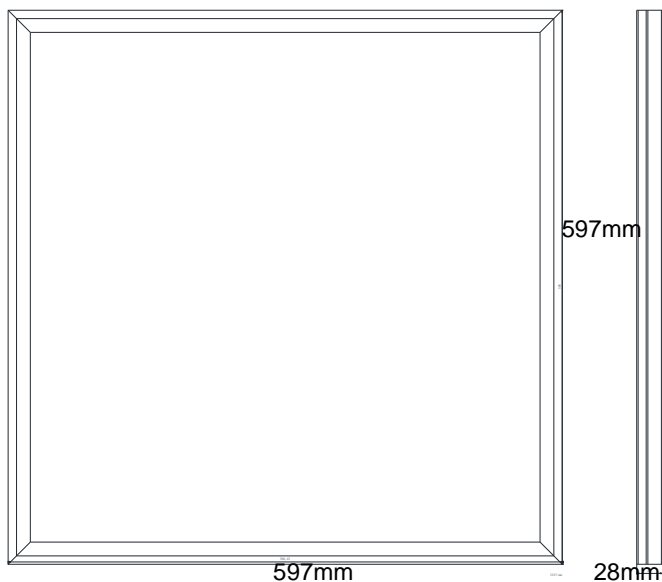
**Electronical Specifications:**

Input: AC100~240V Power:the table below  
 luminous efficiency: ≥ 90Lm / W CRI: > 80  
 Available colors: white5800-6300K,  
 Neutral whit4200~4700K; warm white2800~3200K

**Mechanical Specifications:**

Main material: aluminum frame, LED aluminum panel, proliferation of the PC board, power supply  
 Dimensions: --  
 LED Panel Weight:-- LED driver Weight: 120g/pcs  
 Maximum temperature rise: ≤ 25 °C  
 Operating temperature: -20°C ~ 40°C

6060 dimensions



Direct type LED panel lights data sheet:

MODEL RX-FB28	Dimensions	Color temperature	Power	Luminous flux <u>Lm</u>	Illuminance lux (Centre distance) depth				Net weight
					1m	2m	3m	5m	
-3030-CW	297x297x28mm	5800~6300K	20W	1800Lm	470	140	71	1KG	
-3030-WW		2800~3200K		1620Lm					
3060-CW	297x597x28mm	5800~6300K	40W	3600Lm	920	280	140	2KG	
-3060-WW		2800~3200K		3240Lm					
-6060-CW	597x597x28mm	5800~6300K	90W	8100Lm	1800	580	288	4KG	
-6060-WW		2800~3200K		7290Lm					
-60120-CW	597x1197x28mm	5800~6300K	180W	16200Lm	3200	1000	490	7.8KG	
-60120-WW		2800~3200K		14580Lm					
-30120-CW	297x1197x28mm	5800~6300K	80W	7200Lm	1480	530	278	4KG	
-30120-WW		2800~3200K		6480Lm					
-15120-CW	147x1197x28mm	5800~6300K	40W	3600Lm	900	260	140	2KG	
-15120-WW		2800~3200K		3240Lm					

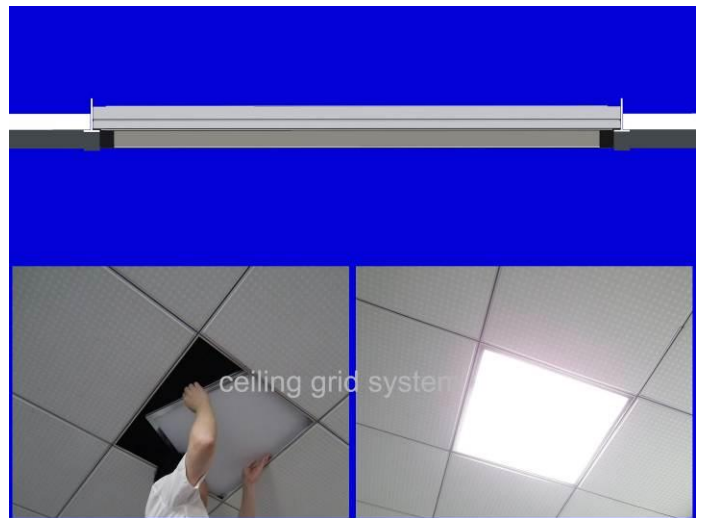
Protection: IP50; Beam spread: 120° ; Input Voltage: AC100~240V; CRI:>80;  
 Rated life:50,000hours(70%Lumen maintenance at Ta 25° C)

Tolerance range for optical and electrical data: ±10 %.

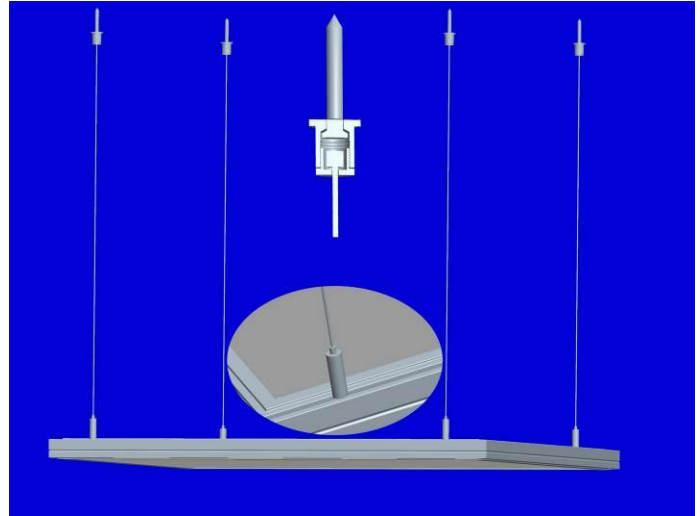
Note: The above table data testing at room temperature is 25°C, test voltage 230V; CRI: > 80; (can be customized CRI> 70, the brightness of an additional 15%,same power)

Installation diagram:

1, As a ceiling light



2, As a pendant light



**CAUTION:** This product is installed by a professional engineering staff.

#### Safety Information

1. The LED panel itself and all its components may not be mechanically stressed.
2. Assembly must not damage or destroy conducting paths on the circuit board.
3. Installation of LED lamp (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
4. Correct electrical polarity needs to be observed. Wrong polarity may destroy the LED panel.
5. Parallel connection is highly recommended as safe electrical operation mode.
6. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED panel.
7. Please ensure that the power supply of adapters power to operate the total load.
8. When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
9. Pay attention to standard ESD precautions when installing the LED panel.
10. Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
11. Too much torque will be adhered to the aluminum frame damage!